A. CLASS Int.	SIFICATION OF SUBJECT MATTER C1 ⁷ B01J27/32, C01B35/06, C07C C07C41/38, C07C43/06	2/32, C07C13/43, C07C11	1/02,
According to	o International Patent Classification (IPC) or to both nat	tional classification and IPC	·
	S SEARCHED		
Minimum d	ocumentation searched (classification system followed b C1 ⁷ B01J21-00/38/34, C01B35/06 C07C1/00-409/44	oy classification symbols) , C07B31/00-63/04,	
Jitsu	tion searched other than minimum documentation to the LIYO Shinan Koho 1926–1996 i Jitsuyo Shinan Koho 1971–2004	extent that such documents are included Toroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	o 1994-2004
Electronic d WPI/	ata base consulted during the international search (name	e of data base and, where practicable, sear	rch terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
A	26 October, 1976 (26.10.76), Full description & DE 2558164 A & FR & GB 1528610 A & CA	Chemical Co., Inc.), 2295941 A 1055525 A 944499 A	1-23
A	JP 50-062927 A (Mitsubishi G Inc.), 29 May, 1975 (29.05.75), Full description (Family: none)	as Chemical Co.,	1-23
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* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		See patent family annex. "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family	
Date of the 14 J	actual completion of the international search January, 2004 (14.01.04)	Date of mailing of the international sear 27 January, 2004 (2	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	

INTERNATIONAL SEARCH REPORT

International application No. PCT/JP03/13714

	ion). DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
ategory*	JP 55-167045 A (Mitsubishi Gas Chemical Co.,	1-23
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